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Abstract

Process for the preparation in pure form of the protease activating blood clotting factor VII, its proenzyme or a mixture of both proteins by means of affinity chromatography

A process for the preparation in pure form of the protease activating blood clotting factor VII and/or its proenzyme by use of one or more affinity chromatography separation processes and/or fractional precipitation is described, in which the affinity chromatography separation process used is adsorption on

- calcium phosphate/hydroxyapatite,
- a hydrophobic matrix,
- a chelate matrix,
- a matrix on which heparin or a substance related to heparin, such as heparan sulfate or dextran sulfate, is immobilized, and/or
- a matrix which is coated with an immobilized monoclonal or polyclonal antibody directed against the protein to be isolated, or its F(ab) or F(ab)₂ fragments.

A pharmaceutical preparation and a reagent are moreover described which contain the said protease and its proenzyme.